

Annual Return of Statistics relating
to Forest Administration in British
India for the year 1931-32



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Diagram showing annual forest revenue, expenditure and surplus for the 10 years 1922-23 to 1931-32.

STATEMENT I.

Area of forests under the control of the Forest Department.

Province.		Forest area in square miles.				Percentage of forests to whole area of Province.	Remarks.
Name.	Area in square miles,	Reserved.	Protected.	Unclassed State.	Total		
1	2	3	4	5	6	7	8
Bengal	75,835	6,581	679	3,115	10,679	14.0	
United Provinces	106,720	(a) 5,195	4	37	5,336	4.9	(a) Includes leased forests.
Punjab	96,830	(b) 1,553	(c) 3,205	(d) 521	5,278	5.4	(b) Includes 337 square miles of leased forests but excludes 500 square miles of reserved forests not under the control of the Forest Department
Burma	182,900	81,282	...	(e) 90,273	121,555	66.4	(c) Excludes 63 square miles not under the control of the Forest Department.
Federated Shan States	60,615	3,167	..	21,493	21,651	40.6	(d) Excludes 235 square miles of forest and village lands not under the control of the Forest Department.
Bihar and Orissa	83,083	1,838	(f) 1,177	(g) 2	5,017	3.6	(e) Includes 10,154 square miles without forest growth.
Assam	55,145	6,115	...	14,817	20,062	37.6	(f) Excludes 676 square miles not under the control of the Forest Department.
Central Provinces (including Barar).	92,973	(h) 10,013	...	...	10,619	11.6	(g) Excludes one square mile under Khasmahal management.
Coorg	1,582	519	18	...	597	38.9	(h) Includes 174 square miles of leased forests.
North-West Frontier Province.	13,181	245	...	...	245	1.8	
Ajmer	2,767	112	...	...	112	3.1	
Baluchistan (portions under British Administration).	51,225†	816	..	472	788	1.4	
Andamans and Nicobar	3,143‡	52	...	2,136	2,190	69.6	
Madras	142,302	15,017	(i) 453	2.	16,070	11.2	(i) Represents reserved lands.
Bombay (including Sind)	123,215	13,716	1,152	...	(j) 14,868	12.0	(j) Includes 2,329 square miles of reserved and protected forests not under the management of the Forest Department.
Total 1931-32	1,101,002*	105,960	6,682	133,160	235,831	22.3	
,, 1930-31	1,102,535*	107,753	6,203	135,604	240,710	22.8	
,, 1929-30	1,103,460*	107,353	6,298	135,503	240,154	22.6	
,, 1928-29	1,103,692*	108,840	6,308	136,605	240,622	22.7	
,, 1927-28	1,103,679*	105,696	7,668	136,864	250,110	22.5	

^f Figures taken from the Census Report of 1921.

* Excluding Delhi Province and Pargana Munpur.

STATEMENT II.

Progress made in Forest Settlements during the year 1931-32.

Province. 1	Area in square miles			Cost during year		Entire cost per square mile of areas finally settled 7
	Finally settled during year 2	In hand at commencement of year 3	Taken in hand during year, 4	In Forest Accounts 5	In other Accounts 6	
Bengal	55	29	2	12,231	...	...
United Provinces	13	17	...	...	...	...
Punjab . . . . .	...	7	...	...	...	...
Burma	1,550	3,918	276	9,447	...	...
Federated Shan States . . . . .	...	34	...	...	...	...
Bihar and Orissa . . . . .	...	13	...	...	...	...
Assam	2	20	46	...	...	...
Central Provinces . . . . .	...	...	1	...	...	...
Coorg . . . . .	...	...	...	...	...	...
North-West Frontier Province . . . . .	...	...	20	...	...	...
Ajmer . . . . .	...	...	...	...	...	...
Baluchistan . . . . .	...	816	...	816	...	...
Andamans . . . . .	...	59	...	...	...	...
Madras	9	104	95	53	...	...
Bombay	11	45	18	...	...	...
1931-32	1,613	9,975	458	21,066	...	...
1930-31	530	4,212	512	10,088	...	...
Total 1929-30	534	3,766	2,986	14,304	...	...
1928-29	3,433	8,900	1,715	8,812	...	269
1927-28	4,570	3,979	2,322	28,123	...	246

STATEMENT III.

Demarcation and maintenance of boundaries.

Province.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks	Total length of boundaries at the close of the year	Expenditure on demarcation during the year.	
								On new work	On repairs.
1	2	3	4	5	6	7	8	9	10
	Miles.	Miles	Miles.	Miles	Miles	Miles	Miles	Rs.	Rs
Bengal . . .	111	1,278	1,393	2,612	515	1,393	4,722	6,616	11,028
United Provinces . . .	...	2,663	5,978	8,641	66	2,653	11,560	651	12,506
Punjab . . .	253	1,312	7,384	8,979	1	1,393	10,878	1,297	5,093
Burma . . .	270	319	17,150	17,739	473	3,816	21,960	5,938	1,673
Federated Shan States . . .	...	267	1,073	1,839	...	561	1,699	..	2,669
Bihar and Orissa . . .	17	3,692	1,118	4,857	9	387	5,253	230	8,213
Assam . . .	..	1,279	1,305	2,584	11	2,353	4,959	..	6,873
Central Provinces . . .	25	3,029	29,302	32,716	..	3,939	36,075	4	9,777
Coorg . . .	...	46	423	469	...	67	536	...	957
North-West Frontier Province . . .	...	155	621	777	..	139	916	..	11,280
Ajmer . . .	..	6	237	239	..	135	337	..	159
Baluchistan . . .	..	22	438	460	..	77	537	..	80
Andamanus . . .	..	..	36	36	36	23	95	..	
Madras . . .	83	17,421	5,605	23,062	336	2,276	25,674	2,466	4,579
Bombay . . .	33	25,416	12,031	38,410	45	2,700	41,161	170	2,601
1931-32 . . .	771	57,263	85,085	143,119	1,122	21,555	166,096	17,630	62,602
1930-31 . . .	1,132	61,980	70,318	112,360	731	21,162	161,070	1,181	1,06,410
Total 1929-30 . . .	1,177	61,490	73,698	140,500	937	21,015	162,506	17,974	1,03,933
1928-29 . . .	1,523	62,759	75,927	140,618	808	21,061	163,319	23,549	1,16,120
1927-28 . . .	816	63,675	75,613	138,037	1,057	20,935	162,094	20,509	1,07,783

STATEMENT IV.

Forest survey operations from 1st April 1931 to 31st March 1932.

Province.	Forest surveyed	Nature of survey operations.						Total area of detail survey	Expenditure of the year including mapping charges debitable to "Forests".	Remarks			
		1" Detail survey		2" Detail survey		3" Detail survey							
		Area	Cost rate	Area	Cost rate.	Area	Cost rate						
1	2	3	4	5	6	7	8	9	10	11	12		
Audhamans								..	527 00	Rs. A P			
Assam	Cachar	130 91	"	"	"	"	"	(a) 136 91	5,815 01	.....	(a) Cost of surveys not debit able to "Forests"	
Bengal								..	5,208 6	..			
Polar Orissa	Sambalpur East (b)					3 70	257 9	3 70	2,117 57	2,720 0 0	(b) 53 29 linear miles of theodolite traverse and 21 42 L. M. of connection traverse in the Kurnool Blocks A and B, in addition 2 33 L. M. of unconnected boundary traverse were done in Basapara and Birhat R. Cost of survey Rs 2,720 debit able to Forest Department.		
N.W.F.P								..	465 00				
Baluchistan									241 30	..			
Punjab		"	"	"	"	"	"	..	1,385 00				
United Pro- vinces		"							7,142 70	....		
Ajmer		"							172 01				
Madras	Central India								38,216 57		(c) 19 L. M. of forest boundary theodolite traverse were done. Out of total cost of Rs 1,140, Rs 580 were adjusted by the Forest Department during the financial year 1930-31 and the balance of Rs 860 is adjustable during 1931-32.		

STATEMENT IV—*contd.*Forest survey operations from 1st April 1931 to 31st March 1932—*contd.*

Provinces.	Forests surveyed	Nature of survey operations.						Total area of detail survey.		Expenditure of the year including mapping charges debitable to "Forests".	Remarks.
		1 ^o Detail survey		2 ^o Detail survey		4 ^o Detail survey					
		Area	Cost rate	Area	Cost rate	Area	Cost rate	1931-32.	Total up to date	11	12
1	2	3	4	5	6	7	8	9	10		
India . . .	...	..	..	...	..	..	..	..	..	Rs. A. P.	....
Coorg . . .	...	..	..	..	..	..	..	..	475 00	.. ..
Central Provinces	...	...	...	...	...	...	..	..	10,535 00	.. ..
Bombay . . .	..	..	..	..	..	..	..	..	18,232 90	.....
Mansi (d) . . .	..	..	..	..	..	..	..	..		(d) Cost for fairmapping from 1st April 1931 to 31st October 1931.	
Burma . . .									27,350 05	6,100 0 0	
Upper Chindwin and Myittha.	337 60	...	..	..	..	..	..	(e) 337 60		(e) Cost of surveys not debitable to "Forests".	
TOTAL 1931-32	1st April 1931 to 31st March 1932.	475 61	..	..	..	3 79	..	482 38	105,176 77	Rs. A. P. 8,826 0 0	Rs. 46,000
" 1930-31	1st April 1930 to 31st March 1931.	..	..	..	..	842 23	..	..	104,691 44	2,58,901 0 0	46,000
" 1929-30	1st April 1929 to 31st March 1930.	1,184 73	..	..	..	294 73	..	..	104,833 31	..	46,000
" 1928-29	1st April 1928 to 31st March 1929.	1,051 50	..	..	..	804 72	..	..	102,519	..	46,000
" 1927-28	1st April 1927 to 31st March 1928.	1,221 50	..	..	..	1,173 52	..	..	101,071	..	46,000

STATEMENT V.

Progress made in working plans.

Province 1	Area under sanctioned working plans.					Area not under working plans			Total of columns 5, 7, 8 and 9. Total forest area in Statement I.	Revisions.						
	At commencement of the year 2		Added during the year 3		Deducted during the year 4	At close of year 5		Actual area 6	Plans not under preparation	Required at present 7	Not required at present 8	Plan or required 11	In progress at the end of the Year 12	Revised plans sanctioned during the year 13	Expenditure on working plans during the year 14	
	Sq m	Sq m	Sq m	Sq m	Sq m	Sq m	Sq m	Sq m		Sq m	Sq m	Sq m	Sq m	Sq m	Rs	
Bengal . . .	6,810	1	.	.	6,811	63·7	63·7	6,811	16	28	3,794	10,679	1,103	173	2,706	
United Provinces . . .	4,981	17	11	4,990	91·4	230	...	16	5,236	1,622	194	46,520				
Punjab . . .	2,531	20	6	2,535	48	202	95	2,436	5,278	1,870	70	2,376				
Burma . . .	21,111	1,895	57	23,349	75	2,422	1,525	8,986	31,254	3,164	1,311	9,148				
Federated Shan States . . .	1,274	108	7	1,375	49	..	..	1,700	3,167	56	244	...				
Bihar and Orissa . . .	2,230	151	145	2,236	74·11	161	..	617	3,017	122	860	352	1,215			
Assam . . .	6	1,500	.	1,516	..	264	2,367	16,893	20,962	5	8	..	..	
Central Provinces . . .	17,193	17	132	17,076	87	1,190	16	1,018	19,018	2,720	270	96,676				
Coorg . . .	"	"	"	"	"	..	..	..	215	..	153	142	5,326			
North-West Frontier Province . . .	215	"	"	215	100	..	..	..	215	..	76	..	..	..
Ajmer . . .	10	1	.	112	..	..	..	..	112	..	..	..	..	..	..
Bengal Presidency . . .	"	"	"	"	"	..	..	..	788	788	..	..	..	31,761		
Andamans . . .	703	..	..	705	32·04	..	..	..	1,482	2,180	703	..	..	..
Madras . . .	9,417	376	..	9,793	50	3,301	6,093	291	19,408	..	..	..	..	..	..
Peninsular India . . .	8,884	10	53	8,890	71	690	271	2,605	(c) 12,530	154	1,019	231	3,756			
Total 1931-32 . . .	76,181	4,235	711	79,055	60·2	8,815	10,307	35,073	181,516	1,193	15,825	3,145	2,01,374			
" 1930-31 . . .	74,262	2,015	115	76,162	57·5	12,032	11,102	32,550	182,475	1,718	16,890	1,246	1,24,951			
" 1929-30 . . .	71,341	3,075	371	74,545	57·1	11,390	9,364	33,180	180,307	3,784	15,561	1,957	1,23,577			
" 1928-29 . . .	66,565	7,744	1,439	72,870	55·2	12,468	7,271	40,463	181,006	3,977	13,270	5,896	1,41,709			
" 1927-28 . . .	63,301	1,037	126	65,915	41·7	10,695	13,233	45,409	182,310	3,904	15,806	1,052	85,824			

(a) Excludes unclassed forests.

(b) Includes Panchayat forests.

(c) Excludes 2,329 square miles not under the management of Forest Department.

STATEMENT VI.

Expenditure on communications and buildings.

Province, 1	New Works		Repairs		Other Works 6	Total. 7
	Buildings 2	Roads and paths. 3	Buildings. 4	Roads and paths 5		
	Rs.	Rs.	Rs.	Rs.		
Bengal	84,910	6,026	46,200	14,169	17,213	1,48,537
United Provinces	13,869	9,137	74,104	1,05,093	15,263	2,17,164
Punjab	6,963	496	11,056	18,516	6,057	17,018
Burma	14,617	16,461	76,907	1,43,453	10,491	2,63,929
Federated Shan States	2,735	7	3,653	2,119	15	9,263
Bihar and Orissa	28,767	8,916	31,739	14,855	6,686	1,17,137
Assam	24,034	9,404	31,961	74,300	15,690	1,55,488
Central Provinces	9,102	38,287	59,810	99,015	19,127	2,25,767
Coorg	288	137	1,552	1,550	974	10,507
North-West Frontier Province	3,930	1,937	3,869	38,311	1,346	40,413
Ajmer	"	"	201	781	126	1,105
Baluchistan	"	"	100	50	50	500
Andamans	2,160	2,353	11,034	20	45,206	60,802
Madras	20,375	39,025	58,656	1,14,708	5,761	2,38,455
Bombay	5,816	43,224	33,176	91,193	10,070	1,73,403
<hr/>						
Total 1931-32	1,67,776	1,71,850	1,42,276	7,78,561	1,55,362	17,18,907
" 1930-31	80,23,437	21,09,826	4,75,776	7,63,716	3,89,034	68,00,793
" 1929-30	32,73,522	22,81,638	5,90,180	10,23,334	3,71,595	75,56,299
" 1928-29	9,58,396	6,93,825	6,07,229	8,89,607	3,80,035	37,07,256
" 1927-28	11,01,650	7,30,363	5,05,673	9,08,460	2,61,631	66,75,977

STATEMENT VII.

Breaches of forest rules.

Province.	Cases pending from 1930-31	New Cases of the year						Disposed of during the year						Cases pending at close of year.	
		Injury to forest by fire	Unauthorized felling or appropriation of wood and minor forest products	Grazing without permission or in tracts in which grazing is prohibited	Other offences	Total new cases of the year	Total cases	Convictions		Acquittals		Total			
								Cases	Persons	Cases	Persons	Cases	Persons		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Bengal	A.	155	4	369	26	123	512	697	263	619	29	91	292	710	300
	B.	308	9	2,236	2,505	1,564	6,817	6,625	6,197	11,960	1	4	6,495	11,961	117
	C.	...	75	251	5	54	385	385	...	..	..	..	..	..	..
Total		463	88	2,576	2,530	1,741	7,244	7,707	6,760	12,579	30	95	6,790	12,674	517
United Provinces	A.	113	17	42	24	30	313	226	133	372	20	137	153	709	73
	B.	632	191	1,919	1,586	773	4,660	5,101	3,852	10,851	455	1,289	4,327	12,140	704
	C.	...	235	188	23	16	463	462	..	..	..	..	..	..	..
Total		715	403	2,009	1,633	819	5,011	5,789	3,955	11,423	505	1,426	4,401	12,649	537
Punjab	A.	1,799	14	325	204	325	928	2,727	1,304	1,312	103	323	1,307	9,235	959
	B.	1,230	68	3,455	5,116	2,716	11,385	12,615	10,206	13,710	21	38	10,288	18,778	2,065
	C.	169	125	53	41	403	406	..	..	..	..	..	..	..	..
Total		3,029	271	3,935	5,133	3,082	12,721	15,750	11,570	15,632	125	361	11,695	16,013	3,015
Burma	A.	732	4	1,005	43	265	1,377	2,109	1,141	1,901	192	430	1,633	2,331	..
	B.	1,037	1	6,760	237	1,415	8,433	9,470	7,665	9,466	..	..	7,665	9,466	..
	C.	..	..	7	1	14	22	22	..	..	..	..	..	..	..
Total		1,769	5	7,832	301	1,604	9,832	11,601	9,106	11,367	192	430	9,298	11,797	*1,712
Federated Shan States	A.	1	...	..	..	5	5	6	6	6	..	..	6	6	..
	B.	23	...	132	20	31	186	208	167	278	..	..	167	278	..
	C.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total		23	..	132	20	39	191	211	175	281	..	..	173	284	*21
Bihar and Orissa	A.	45	9	206	33	63	401	449	341	976	35	93	376	1,069	59
	B.	120	8	2,453	339	150	2,970	3,100	2,919	7,861	..	..	2,919	7,864	159
	C.	..	116	22	..	..	133	138	..	..	..	..	..	..	..
Total		178	133	2,771	392	213	3,509	3,637	3,200	8,610	35	93	3,295	8,933	218
Assam	A.	125	..	173	23	102	293	124	278	518	36	65	314	563	110
	B.	275	1	1,179	72	607	1,659	2,131	1,781	2,603	86	156	1,820	2,739	314
	C.	..	1	..	2	3	3	3	..	..	..	..	..	..	..
Total		401	1	1,353	93	711	2,160	2,561	2,012	3,121	122	221	2,184	3,812	424
Central Provinces	A.	67	8	122	163	40	933	490	223	550	115	155	341	1,035	59
	B.	2,937	171	9,160	9,754	1,270	20,355	20,292	18,774	49,075	1,177	1,485	19,951	50,560	3,841
	C.	..	309	931	71	21	1,415	1,445	..	..	..	..	..	..	..
Total		3,004	578	10,233	9,901	1,331	22,133	25,137	16,997	49,655	1,295	1,940	20,292	51,525	3,400
Cooch Behar	A.	2	..	2	..	3	5	7	4	6	1	2	6	8	..
	B.	..	..	8	10	5	24	24	24	57	1	1	25	61	..
	C.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total		2	..	10	10	9	29	31	23	63	13	6	31	69	..
North-West Frontier Province	A.	226	7	82	48	11	148	82	155	395	55	165	210	560	164
	B.	3	..	1,908	1,381	36	3,336	3,330	3,339	4,682	..	..	3,339	4,682	..
	C.	..	23	..	..	..	23	23	..	..	..	..	..	..	..
Total		229	30	1,930	1,410	47	3,507	3,706	3,491	5,027	56	165	2,549	5,192	164

* Burmese and Federated Shan States have not shown separately "A", "B" and "C" in column 15. They have given the totals only.

STATEMENT VII—*contd.*Breaches of forest rules—*contd.*

Province.	Cases pending from 1930-31.	New Cases of the year.						Total cases	Disposed of during the year.						Cases pending at close of year.	
		Injury to forest by fire	Unauthorised felling or appropriation of wood and minor forest produce	Grazing without permission, or in tracts in which grazing is prohibited	Other offences	Total new cases of the year	Convictions		Acquittals.		Total.					
							Cases	Persons	Cases	Persons	Cases	Persons	Cases	Persons		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Ajmer	A.	6		12	29	2	43	49	29	17	4	11	33	58	16	
	B.	...	28	1,014	4,025	65	5,132	5,132	11,142	..	..	..	5,132	11,142	..
	C.	1	...	..	..	1	1	—	—	—	—	—	..	..	..
Baluchistan	Total	6	29	1,026	4,054	67	5,170	5,182	5,161	11,180	4	11	5,165	11,200	16	
	A.	13		30	19	..	49	62	27	47	13	32	41	79	21	
	B.	...	..	70	221	..	291	291	437	..	..	291	457	..	..
Bengal	C.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total	13		100	240	..	310	353	318	504	14	32	332	536	21	
	A.	1		7	..	..	7	8	7	7	1	1	8	8	..
Bihar	B.	..	..	8	..	..	8	8	8	..	..	..	8	8	..
	C.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total	1	..	15	..	..	15	16	15	15	1	1	16	16	..
Madras	A.	2,114	19	6,256	1,483	813	8,071	10,455	8,050	7,073	0	12,537	8,840	20,216	1,655	
	B.	3,157	210	10,609	2,460	1,626	14,305	17,462	12,184	23,803	1,629	3,418	13,818	27,283	3,609	
	C.	...	1,047	422	12	19	1,500	1,500	...	...	...	...	...	...	..
Mysore	Total	5,571	1,276	17,297	3,955	1,358	23,876	29,417	15,264	31,586	7,389	15,935	23,653	47,493	5,294	
	A.	211	31	235	100	59	305	406	431	1,318	50	123	481	1,411	123	
	B.	2,915	173	9,715	6,375	2,535	18,804	21,119	19,201	41,152	5	5	19,206	41,487	1,913	
Bombay	C.	23	1,533	1,820	50	85	3,788	3,813	...	...	..	..	..	..	..
	Total	2,551	2,013	11,710	6,525	2,674	22,037	25,598	19,632	45,804	55	123	19,657	45,026	2,038	
	A.	5,914	113	9,006	2,235	1,841	12,715	18,620	7,722	16,577	6,419	14,463	14,141	31,012	3,662	
GRAND TOTAL	B.	12,046	863	50,656	81,155	12,197	97,874	100,920	92,053	190,450	3,496	6,399	95,459	195,879	12,282	
	C.	25	3,968	3,737	216	252	8,175	8,200	...	...	..	..	..	..	..
	Total 1931-32	17,985	4,917	63,930	36,025	18,790	118,761	130,740	90,775	207,037	9,825	20,651	100,000	207,931	17,677	
1930-31	..	12,850	4,517	58,746	33,620	13,622	110,545	125,032	89,752	101,615	7,871	18,807	97,633	210,740	18,764	
	..	16,710	4,302	55,910	33,094	15,8	118,142	126,025	87,718	100,152	5,929	18,800	103,678	211,002	18,812	
	..	12,720	4,737	58,451	84,880	14,383	112,450	129,004	90,681	193,620	5,091	13,306	101,713	207,386	18,850	
1927-28	..	13,333	4,966	57,518	35,015	18,231	110,231	125,206	97,501	107,061	6,051	14,081	103,612	211,145	18,035	

N. B.—A. Cases taken into Court.
B. Cases compounded.
C. Undetected cases.

STATEMENT VIII.

Area protected from fire.

Province.	Area in square miles		Percentage of forests under fire protection to total area of reserves	Percentage of failure to area attempted		Remarks
	Attempted.	Protected		Average of past five years to 1930-31	1931-32.	
				1	2	3	4	5	6	7
Bengal	1,735	1,721	26.2	0.5	0.8	
United Provinces	3,350	2,960	64	2.5	11.6	
Punjab.	1,192	1,177	75.3	2.04	1.3	
Burma	111	128	0.45	6.1	8.9	
Federated Shan States	4	3	0.12	15.3	26.3	
Bihar and Orissa	1,577	1,258	68.42	4.7	20.27	
Assam	17	17	0.27	40.7	...	
Central Provinces	13,221	12,516	67	4	5	
Coorg	230	227	44	1	1.6	
North-West Frontier Province . . .	87	86	30	4.88	2	
Ajmer	141	110	0.8	0.14	0.7	
Madras	15,238	14,220	98	4.70	6.62	
Bombay	9,345	8,783	64	5.0	6.0	
Total 1931-32	46,271	43,236	10.8	4.3	6.5	
" 1930-31	45,638	43,802	10.7	3.9	4.3	
" 1929-30	46,178	43,997	10.9	3.6	4.7	
" 1928-29	43,923	41,993	11.1	3.6	4.5	
" 1927-28	42,173	40,203	11.0	8.2	4.6	

STATEMENT IX.

Causes of forest fires.

Province	Fires originating in Departmental fire prevention operations		External fires crossing the fire traces		Fires due to incendie of outsiders		Fires originating from ignition or malice		Fires due to unknown causes		Total	
	1	2	3	4	5	6	7	8	9	10	11	12	13
	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.
Yenai	1		7	1	25	6	4	1	28	6	65	11
United Provinces	32	13	105	101	180	78	90	60	121	137	493	380
Punjab	3	11	21	820	165	5,271	72	5,301	12	839	273	13,532
Burma	9	2	7	..	21	2	4	1	31	8	72	13
Federated Shan States	2	1	1	..	..	..	..	..	2	..	5	2
Bihar and Orissa	7	16	23	60	15	17	3	8	184	228	232	319
Assam	2	..	..	..	16	..	0	192	2	..	20	192
Central Provinces	30	23	110	103	189	146	12	8	622	121	972	707
Cheng	1		4	1	1	..	..	..	6	2	12	3
North-West Frontier Province			2	..	7	..	18	1	5	.	32	1
Apur	2	..	1		2	..	1	..	2	1	8	1
Baluchistan	..	..	..	..	..	..	..	..	..	..	..	..
Anhaltang	..	..	..	..	..	..	..	..	..	..	..	..
Madras	49	16	179	186	52	192	567	360	811	211	2,457	891
Roulay	16	3	177	70	72	227	120	66	1,031	223	2,672	589
Total 1931-32	166	53	640	1,037	1,420	4,949	837	8,117	2,600	2,679	6,313	16,555
" 1930-31	141	140	529	301	1,558	322	875	437	2,600	895	5,486	9,077
" 1929-30	190	179	552	412	1,360	468	789	852	2,502	937	5,233	2,803
" 1928-29	175	62	629	412	1,516	541	565	182	2,610	928	5,616	2,845
" 1927-28	134	61	546	364	1,535	314	820	561	2,139	722	1,960	2,005

STATEMENT X.

Area closed and open to grazing.

Province. 1	Area in Square Miles							
	Closed to all animals		Open to grazing.				Total area is shown in Statement No 1 (Col 6)	
	Whole year 2	Part of year, 3	Of all animals.		Of all animals except browsers (cattle, sheep and goats).			
			Whole year 4	Part of year, 5	Whole year, 6	Part of year, 7	8	
Bengal	6,329	...	4,224	...	126	..	10,879	
United Provinces	1,938	68	2,319	21	841	49	5,236	
Punjab	440	26	4,205	101	351	152	5,273	
Burma	23,821	...	91	224	2,604	4,542	121,555	
Federated Shan States	2,216	..	...	75	785	61	21,651
Bihar and Orissa	674	..	604	...	1,071	76	3,017	
Assam	4,946	...	14,441	...	1,575	..	20,862	
Central Provinces	2,500	229	4,212	13	12,660	210	19,013	
Coorg	80	430	...	...	..	439	637
North-West Frontier Province	63	...	8	...	174	...	245	
Ajmer	61	78	3	...	...	78	142
Baluchistan	198	...	83	23	..	12	783	
Arakanus	52	...	...	...	368	...	2,190
Madras	1,856	100	18,305	6	604	9	16,070	
Burma	1,419	907	3,444	23	9,663	12	14,863	
	1931-32	46,629	1,337	46,980	458	31,408	5,840	215,831
	1930-31	45,177	1,239	47,294	437	31,250	5,605	210,710
TOTAL .	1929-30	92,819	1,030	48,303	596	31,292	5,832	249,154
	1928-29	41,809	1,070	45,747	570	31,533	5,607	249,822
	1927-28	44,576	1,572	49,561	599	31,023	5,400	133,821

STATEMENT XI.
Protection from Cattle.

STATES
Protection

Province.	Grazed on payment, number of animals										
	At full rates					At privileged rates					Other animals
	Buffaloes	Cows and bullocks	Goats and sheep	Camels	Other animals	Buffaloes	Cows and bullocks	Goats and sheep	Camels	Other animals	
1	2	3	4	5	6	7	8	9	10	11	
Bengal	2,783	31,307	171	70	63	1,775	"	"	"	0	
United Provinces	49,230	142,110	90,163	2,531	1,386	7,630	28,731	23,222	"	105	
Punjab	6,849	11,691	408,163	39,603	922	206	9,767	447,956	"	165	
Burma	1,799	21,382	"	"	49	"	"	"	"	"	
Federated Shan States	2,352	833	"	"	540	"	"	"	"	"	
Bihar and Orissa	5,053	15,347	1,025	"	5	9,453	10,831	"	"	"	
Assam	10,490	6,193	528	"	65	369	410	"	"	"	
Central Provinces	219,441	757,111	395,117	63	3,349	114,900	1,779,432	2,041	"	25	
Coorg	410	2,576	"	"	"	"	"	"	"	"	
North-West Frontier Province . . .	2,482	1,907	94	"	46	"	"	"	"	"	
Apner	570	5,677	"	"	1	4,212	18,132	"	"	"	
Pakisthan	107	1,967	2,290	"	124	"	"	"	"	"	
Madras	55,008	755,976	365,761	"	169	11,806	103,982	16,556	"	12	
Domary	10,731	41,604	195,496	159	5,372	202,730	942,194	309,163	"	3,897	
Total 1931-32	371,213	1,601,721	1,458,708	42,656	11,598	351,405	2,901,143	798,971	"	1,311	
" 1920-31	428,616	1,055,282	1,812,087	25,642	12,260	310,659	2,788,569	949,781	101	2,557	
" 1929-30	506,117	2,273,581	2,031,269	15,878	13,194	426,943	3,090,178	875,249	18	1,528	
" 1928-29	491,532	2,171,060	2,076,038	23,870	12,660	412,668	3,112,007	909,833	180	3,690	
" 1927-28	425,890	2,142,272	1,002,215	57,611	14,067	390,818	3,022,466	1,020,604	"	1,146	

MENT XI.

from cattle.

Grazed free, number of animals.											Total number of animals grazed.	
By right under settlement.					During pleasure of Government or otherwise than under settlement.							
Buffaloes	Cows and bullocks.	Goats and sheep	Camels.	Other animals.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.	22		
12	13	14	15	16	17	18	19	20	21	22		
..	..	..	..	..	1,118	3,806	...	..	25	41,184	
39,561	472,750	14,886	..	1,415	7,069	37,837	61,621	..	107	1,010,237		
233,563	832,010	933,637	1,687	38,368	5,329	16,879	...	275	311	3,009,701		
105,572	229,746	175	..	958	14,825	676	...	.	9,951	385,112	
1,538	3,040	..	..	..	498	..	..	..	260	8,561	
41,987	241,750	608,699	..	71	38	719	288	..	2	914,324		
29	88	..	..	..	2,177	6,090	1,841	..	56	20,180	
..	375	..	..	..	1,815	212,782	115	..	201	8,316,806	
	407	..	..	..	2,477	15,240	..	..	..	21,200	
5,360	6,009	..	..	..	..	..	..	..	..	18,894	
471	1,875	..	..	..	..	..	..	..	..	30,850	
..	3,390	50,059	..	1,500	..	..	..	..	..	89,143	
1,774	9,683	8,553	..	144	8,496	67,945	697	..	..	1,402,715	
2,021	6,238	..	..	20	117,907	475,998	2,224	1,908	2,625	2,320,037	
431,878	1,798,325	1,071,002	1,687	42,479	161,724	800,081	66,286	2,183	18,863	12,005,314		
153,309	1,811,036	1,188,663	1,687	43,426	156,368	793,149	65,107	1,731	13,737	12,824,406		
361,210	1,682,818	1,198,614	326	204,011	162,320	837,135	68,838	1,058	16,498	14,080,454		
395,493	1,710,156	1,513,008	326	203,406	190,034	815,151	66,750	1,053	16,793	14,173,803		
389,581	1,687,040	1,408,479	326	203,418	140,034	843,769	70,536	9,752	17,158	13,914,011		

STATEMENT XII.

Progress in concentrated regeneration and afforestation.

Province. 1	Area regenerated during the year.		Area afforested during the year 4	Total area. 5	Cost of regeneration and affores- tation during the year, includ- ing tend- ing 6
	Mainly natural. 2	Mainly artificial. 3			
Bengal	...	2,461	...	2,461	72,939
United Provinces	26,300	590	298	27,188	1,16,232
Punjab	2,636	1,263	2,259	6,108	3,77,054
Burma	4,523	3,531	597	8,041	1,98,186
Federated Shan States	...	475	..	475	26,948
Bihar and Orissa	15,135	65	55	15,255	15,077
Assam	410	1,319	...	1,729	27,856
Central Provinces	6,906	464	...	6,400	11,618
Gorakhpur	...	372	...	372	17,552
North-West Frontier Province	...	150	...	150	7,966
Ajmer	...	4,478	...	4,478	283
Baluchistan	...	...	3	3	1,235
Andaman and Nicobar	264	71	...	355	24,889
Madras	400	2,631	660	3,691	33,882
Bombay	9,012	43,707	..	53,779	76,690
Total	64,646	61,637	3,862	1,30,145	9,49,070

STATEMENT XIII.

Outturn of forest produce.

Province.	Reserved Forests.		Protected Forests.		Unclassed Forests.		TOTAL.		Average Outturn per Square Mile.							
									Reserved Forests.		Protected Forests.		Unclassed Forests.		TOTAL	
	Timber and fuel.	Minor produce	Timber and fuel.	Minor produce	Timber and fuel.	Minor produce	Timber and fuel.	Minor produce	Timber and fuel.	Minor produce						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.
Bengal . .	18,001,000	4,66,043	919,000	3,268	1,173,000	63,920	10,581,000	6,16,223	2,768	63	405	3	341	20	1,634	40
United Provinces	31,295,000	(a) 15,10,912	5,000	403	144,000	6,356	31,441,000	15,25,003	0,000	202	1	101	4	116	6	391
Punjab . .	12,200,000	(b) 4,63,211	10,353,000	10,63,604	4,207,000	3,89,000	33,369,000	19,25,102	7,801	311	6,103	320	8,207	553	6,310	343
Burma . .	38,349,000	3,42,113	..	..	21,826,000	2,68,897	8,176,000	6,31,000	1,226	10	..	..	403	8	596	5
Federated States .	1,884,000	21,297	..	..	1,177,000	1,23,818	2,801,000	1,44,115	437	7	..	..	69	6	116	6
Bihar and Orissa .	6,033,000	95,304	5,700,000	1,53,802	..	..	11,403,000	2,60,360	3,005	62	4,901	182	..	..	3,770	83
Assam . .	4,525,000	(c) 1,03,637	..	..	8,475,000	3,81,308	15,401,000	6,46,735	730	27	..	..	200	20	610	26
Central Provinces	31,401,000	(d) 22,63,259	..	..	..	..	31,401,000	22,63,259	1,001	115	..	..	..	..	1,501	115
Coorg . .	317,048	97,001	140,525	945	..	..	35,476	27,816	430	53	8,307	13	..	..	684	52
North-West Frontier Province .	2,622,000	52,476	..	..	(d) 61,000	..	2,670,000	52,476	11,518	213	..	..	406	..	11,026	213
Ajmer . .	847,115	47,007	..	..	..	..	549,118	47,007	3,603	386	..	..	..	..	3,850	353
Baluchistan .	103,707	67,080	..	..	250,140	50	618,016	67,730	661	163	..	..	609	..	610	92
Andaman . .	..	..	..	..	9,120,028	9,004	8,170,028	9,001	..	..	..	..	1,465	4	1,652	4
Madras . .	22,026,000	14,62,031	..	..	67,250	..	21,026,000	15,29,691	1,410	93	..	145	..	..	1,371	93
Bombay . .	51,703,000	(e) 18,07,459	1,019,000	11,441	50,000	..	(f) 69,763,000	10,03,800	3,760	104	855	10	..	..	8,581	128
Total 1931-32	239,423,637	88,70,612	20,00,638	12,00,418	61,980,177	11,60,100	395,011,638	1,18,27,847	2,081	84	9,638	193	404	0	1,344	46
" 1930-31	190,690,160	61,57,501	48,551,011	19,80,411	57,420,778	16,78,840	322,862,679	1,25,80,864	1,703	69	7,800	196	616	14	1,223	50
" 1929-30	209,009,150	1,11,90,123	62,709,600	14,39,022	50,957,271	24,84,809	350,909,551	1,50,63,545	1,719	104	8,393	218	658	19	1,465	60
" 1928-29	221,544,600	1,04,07,130	51,847,958	14,77,342	60,095,053	52,00,638	304,180,656	1,51,78,816	1,100	97	8,095	234	730	53	1,467	60
" 1927-28	247,093,325	1,02,94,098	26,00,187	14,71,021	57,086,356	25,48,254	370,173,707	1,43,16,303	2,948	97	8,377	192	700	18	1,490	47

(a) Includes Jhargh forests.
 (b) " No. 105 on account of fruit culture.
 (c) Shrub forests.
 (d) Gujarat forests.
 (e) Includes Irred forests and unreserved lands.

(f) Excludes 44,97 c. ft. Sandalwood.

STATEMENT XIV.

Forest produce removed by different agencies.

Part I.—Timber and Fuel.

PROVINCE I	Timber					Fuel				
	By Government 2	By purchasers 3	By free grantees 4	By right holders 5	Total 6	By Government 7	By purchasers 8	By free grantees 9	By right holders 10	Total 11
	C ft	C ft	C ft	C ft	C ft	C ft	C ft	C ft	C ft	C ft
Bengal	2,00,000	7,145,000	15,000	—	7,260,000	100,000	11,010,000	51",000	—	12,061,000
United Provinces	220,000	1,010,000	15,000	817,000	6,852,000	100,000	6,007,000	187,000	15,537,000	23,210,000
Punjab	607,000	2,625,000	57,000	720,000	3,642,000	1,007,000	3,144,000	402,000	24,245,000	29,868,000
Burma	2,103,000	15,150,000	15,000	615,000	27,813,000	403,000	47,070,000	25,000	7,102,000	57,102,000
Federated Malay States	—	2,500,000	25,000	102,000	2,627,000	—	28,000	274,000	—	301,000
Bihar and Orissa	407,000	2,875,000	58,000	959,000	3,821,000	6,700	3,781,000	45,000	1,500,000	8,126,000
Assam	303,000	7,377,000	54,000	—	8,134,000	267,000	8,555,000	2,755,000	7,600	16,795,000
Central Province	1,619,000	8,023,000	101,000	—	8,744,000	6,121,000	12,270,000	1,275,000	118,000	23,074,000
Gopyp	102,000	63,000	—	—	167,000	60,000	110,000	—	—	172,000
North-West Frontier Province	42,000	67,000	10,000	5,000	124,000	331,000	101,000	1,072,000	316,000	1,073,000
Acre	—	4,702	—	367	5,070	224,000	317,000	—	—	512,010
Portuguese	1,100	1,072	2,312	—	4,502	21,010	15,000	150	—	613,312
Aden	1,500,000	22,701	15,000	50,000	1,565,000	785,000	11,000	214,000	120,000	1,246,412
Hainan	1,154,000	1,765,000	312,000	75,000	3,217,000	1,018,000	1,410,000	115,000	12,000	15,541,000
Bequia	1,72,000	5,068,000	93,000	129,000	6,983,000	1,021,000	3,051,000	37,000	7,0,000	16,920,000
Total 1931-32	15,835,560	61,445,470	1,030,007	4,074,007	65,355,007	15,108,511	10,031,000	7,229,130	51,117,558	225,314,735
1932-33	17,700,825	76,010,540	1,674,073	3,670,013	99,183,001	15,501,551	15,914,151	7,020,350	53,245,820	223,710,135
1933-34	21,413,337	87,345,010	1,530,068	3,612,101	114,140,520	10,910,043	16,445,032	6,337,500	57,021,610	216,022,705
1934-35	25,007,720	65,047,751	1,843,150	4,170,482	125,000,024	21,700,008	141,077,452	9,302,040	22,373,700	219,135,500
1935-36	15,788,221	100,000,012	2,364,110	8,970,117	127,677,610	20,650,541	144,336,006	10,112,500	64,205,680	242,000,377

STATEMENT XIV—*contd.*Forest produce removed by different agencies—*contd.*

Part II.—Value of minor forest produce.

Province.	Bamboos.					Growing and Older Grass.					Other Minor produce.					
	By Government.	By Purchasers.	By free grantees.	By right holders.	Total.	By Government.	By Purchasers.	By free grantees.	By right holders.	Total.	By Government.	By Purchasers.	By free grantees.	By right holders.	Total.	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
*	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Bengal	147	1,73,021	607	“	1,74,165	...	10,072	42,121	“	78,100	6,010	2,57,826	3,283	“	2,85,827	
United Provinces	161	69,610	26	7,071	94,742	1,200	1,63,471	11,811	2,22,512	1,03,616	4,07,403	6,53,005	6	71,712	9,81,613	
Punjab	11,582	8,478	“	574	17,541	68	1,80,496	69,711	10,47,465	18,81,104	1,07,001	5,616	40	22,510	2,37,207	
Burma	251	72,470	“	12,545	2,37,362	40	17,310	44,448	1,07,091	1,57,904	31,453	1,80,167	41	47,070	2,10,810	
Federated States	—	3,717	“	1,701	5,018	—	3,470	8,550	2,002	12,002	310	1,21,630	“	2,570	1,2,516	
Portuguese Colonies	45	8,137	621	4,270	16,870	...	8,174	123	1,05,017	1,40,941	2,077	8,383	21	6,172	57,717	
Assam	69	62,823	10,70	“	62,723	—	21,011	6,071	210	11,179	17,112	2,60,076	1,10,747	“	42,074	
Central Provinces	12,110	1,02,244	9,257	“	8,07,091	1,677	11,147	1,67,557	274	17,16,727	6,142	2,10,533	22,078	2,120	3,07,171	
Coco	212	4,231	“	“	3,43	—	8	“	“	317	1,074	“	25,560	2	“	27,482
North-West Frontier Province	—	“	“	“	“	—	7,04	81	1,076	12,501	23,073	131	129	26,703	—	
Ajmer	—	150	“	“	50	1,83	11,07	1,162	20,242	41,611	116	2,073	“	“	2,124	
Gujarat	—	“	“	“	“	—	“	3,04	“	63,410	65,573	1,427	614	423	“	24,77
Andhra	—	6	50	1,03	243	1,707	“	“	“	“	14	3,121	1,637	“	571	
Tantra	7,010	9,27,122	1,511	120	10,35,171	27	0,7,130	10,031	6,280	12,82,103	15,747	6,85,820	165	103	65,209	
Deccan	35	3,13,521	2,107	15,714	3,03,770	—	6,27,107	21,072	8,40,714	12,87,992	6,819	2,29,977	5101	43,182	1,8,231	
Total 1901-02	38,515	10,17,934	20,578	71,677	27,50,853	1,20	10,64,00	8,15,17	21,01,690	6,170,776	7,10,706	1,10,61	1,57,145	1,11,171	2,11,102	
“ 1902-03	33,168	14,81,725	22,101	24,694	16,20,781	11,726	22,27,111	1,17,631	22,21,215	12,30,18	11,75,120	15,65,703	2,41,107	1,17,712	17,81,463	
“ 1903-04	22,401	16,13,051	21,787	8,271	16,22,751	8,374	17,13,127	1,18,311	17,18,073	12,18,891	11,86,17	15,58,746	2,07,140	1,12,17	10,78,71	
“ 1904-05	17,306	17,10,291	31,138	81,712	18,30,701	6,300	17,577	1,17,601	17,52,213	12,01,203	11,91,010	19,32,971	2,73,541	1,11,511	17,11,71	
“ 1905-06	65,10	1,21,314	2,001	10,751	19,30,605	8,167	20,42,031	1,10,278	20,07,545	10,57,513	10,61,131	20,10,061	2,73,316	1,10,171	11,171	

STATEMENT XV.

Exports of forest produce.

Articles of forest produce.	Quantity in tons of 20 cwt (in the case of teak and other timbers, cubic tons)		Valuation at port of shipment in 1931-32.	
	Average of 5 years 1926-27 to 1930-31.	In 1931-32	Total	Per ton
	2	3	4	5
Cnoutchone, raw	11,003	6,743	41,57,717	601
| Button	1,112	908	9,48,000	1,044
Lac	22,247	14,851	1,29,84,586	574
| Shell	7,591	7,427	44,61,457	601
| Stick, seed and other kinds				
Catch and gambier	2,254	1,765	4,18,577	237
Myrabolans	70,750	63,541	60,18,395	104
Cardamoms	453	923	12,37,135	3,620
Sandal	891	784	12,57,060	1,617
Tek	49,943	22,113	50,01,955	256
Other kinds of wood and timber*	...	...	6,97,374	...
TOTAL 1931-32	..	..	3,59,72,088	...
" 1930-31	..	..	6,91,67,027	...
" 1929-30	..	..	11,66,51,584	...
" 1928-29	..	..	13,49,23,046	...
" 1927-28	..	..	12,73,46,767	...

* Quantity not recorded.

STATEMENT XV (a).

Year (calendar).	Imports of timber into British India, 1928-1932.		Imports of sleepers of wood for railways into British India, 1928-1932	
	Cubic tons.	Rs.	Tons	Rs.
1928	23,860	28,00,525	1,950	2,27,815
1929	20,544	31,88,922	..	1,238
1930	26,418	36,03,907	..	...
1931	17,948	20,91,273	..	...
1932	12,918	11,37,996	..	...

STATEMENT XVI.

Estimated value of forest produce given away free or at reduced rates.

Province. 1	Timber. 2	Fuel 3	Bamboos 4	Grass and grazing. 5	Other minor produce. 6	Total. 7
	Rs	Rs.	Rs	Rs.	Rs.	Rs
Bengal	2,073	12,217	597	48,231	8,393	66,551
United Provinces	90,000	1,25,000	7,000	..	56,000	2,78,000
Punjab	43,275	10,45,342	..	..	14,73,436	25,62,058
Burma	19,200	250	55	48,668	41	98,470
Federated Shan States	6,953	..	..	8,650	..	15,403
Bihar and Orissa	9,051	616	689	71	41	10,630
Assam	34,670	22,512	10,379	9,992	1,30,747	2,08,330
Central Provinces	31,771	65,562	11,413	14,02,122	20,260	15,49,131
Coorg	1	..	2	4,856	..	4,859
North-West Frontier Province	2,558	43,456	..	5,768	115	51,897
Ajmer . . . . .	..	..	..	1,401	..	1,401
Beluchistan	493	7	..	53,631	429	54,760
Andamans	6,615	4,113	1,569	..	4,903	16,686
Madras	47,869	18,220	3,634	22,417	1,763	86,311
Bombay	80,110	1,41,953	51,691	8,07,919	40,775	12,10,537
TOTAL 1931-32	4,20,571	11,86,409	88,626	23,74,013	17,46,255	69,14,598
<i>1930-31</i>	<i>5,34,058</i>	<i>15,94,101</i>	<i>1,90,631</i>	<i>20,75,011</i>	<i>16,40,753</i>	<i>66,09,530</i>
<i>1930-31</i>	<i>4,39,375</i>	<i>12,73,935</i>	<i>1,35,432</i>	<i>20,37,163</i>	<i>21,63,100</i>	<i>69,34,681</i>
<i>1925-26</i>	<i>5,05,509</i>	<i>12,71,552</i>	<i>1,36,858</i>	<i>20,38,068</i>	<i>24,30,897</i>	<i>66,53,502</i>
<i>1927-28</i>	<i>6,42,635</i>	<i>13,10,291</i>	<i>1,35,108</i>	<i>22,67,449</i>	<i>23,54,353</i>	<i>69,55,984</i>

STATEMENT XVII.

Details of revenue and expenditure for the financial year 1931-32.
(Excluding Burma and Federated Shan States)

		Rs	Percentage of current to total	
Gross Receipts	(a) Wood	1,87,13,504	66.3	
	(b) Minor forest produce	39,04,002	13.1	
	(c) Forest stamps and Commutation fees for forest produce	51,249	0.3	
	(d) Grazing	30,00,395	10.9	
	(e) Revenue from forests not managed by Government	1,63,276	0.6	
	(f) Miscellaneous	22,55,959	8.0	
	Total Revenue	2,82,11,739	—	
A Recurring	(a) Administration	(i) Superior Staff		
		(ii) Subordinate Staff (including Rangers, Foresters and Guards)	1,32,00,380	59.0
		(iii) Office Establishments (including Contingencies)		
	(b) Working	(1) Extraction	56,70,621	25.7
		(2) Roads and Buildings	11,27,581	5.1
		(3) Fire protection	2,45,195	1.1
		(4) Cultural operations	5,21,910	2.4
		(5) Livestock stores and plant	7,68,587	3.6
		(6) Working-Plans	26,503	0.1
		(7) Rent for leased forests	2,95,050	1.1
		(8) Miscellaneous	76,99,356	2.9
	(c) Expenditure on realization of revenue from forests not managed by Government		13,481	0.1
			—	—
Expenditure	Total	2,20,43,830	—	
B Extraordinary	(a) Forest Settlement	(c) Forest Settlement	12,347	0.9
		(g) Forest Survey	6,640	0.6
		(c) Forest Demarcation	12,015	0.9
		(h) Gain or loss by Exchange on English transactions interest on capital outlay, etc	6,13,735	11.5
		(i) Share of Capital charges to be deferred to A	7,82,671	53.1
	Total	13,76,724	—	
	Grand Total of Expenditure	2,31,22,614	—	
	All Revenue	27,80,312	—	
	Excluding Burmese and Federated Shan States			

* Expenditure under this head is provided by the State in respect of the Adi Gaudas.

† Includes rent for leased forests up to the Madras Presidency.

STATEMENT XVII(a).

Details of revenue and expenditure for the financial year 1931-32.

(Burma and Federated Shan States only.)

		Rs.	Percentage of each item to total
Gross Receipts	(a) Wood	1,02,73,349	90.1
	(b) Minor forest produce	5,33,516	.57
	(c) Grazing	21,160	0.2
	(d) Revenue from forests not managed by Government	1,30,557	1.2
	(e) Miscellaneous	4,31,407	3.8
	Total Revenue	1,13,96,019	..
A Recurring	(a) Administration	(i) Superior Staff (ii) Subordinate Staff (including Rangers, Foresters and Guards) (iii) Office Establishments (including Contingencies)	51,71,091 | 43.8
	(b) Working	(1) Extraction (2) Roads and Buildings (3) Fire protection (4) Live-stock, stores and plant (5) Working Plans, revision and mainten- ance (6) Maintenance of boundaries (7) Rehabilitation and improvement (8) Silvicultural Research (9) Utilisation Research (10) Other Works (11) Miscellaneous	2,41,367 | 3.9 2,39,543 | 3.9 25,525 | 0.6 1,73,726 | 2.6 2,101 | .. 1,795 | 0.1 1,35,480 | 2.2 1,312 | .. ... | .. 10,985 | 0.3 1,17,615 | 1.9
Expenditure		Total	61,62,559 | ..
B Extraordinary		(i) Forest Survey (ii) Gain or loss by Deviations on English transactions, interest on capital until, etc (iii) Share of capital charges transferred to S.A.	1,17,018 | 20.2 2,91,945 | 50.9 72,479 | 13.0
		Total	4,83,721 | ..
		Grand Total of Expenditure	66,42,319 | ..
		Net Percentage	47,45,703 | ..
		(Burma and Federated Shan States only)	

Summary of revenue and expenditure of the

Budget Heads.	Imperial	Bengal.	United Provinces	Punjab	Burma (includes Federated Shan States and brick- ward tracts)	Bihar and Orissa (Includes Angul Division)	Assam.
1	2	3	4	5	6	7	8
REVENUE.							
I.—Timber and other produce removed from the forests by Government agency	...	2,63,345	6,28,493	14,17,005	3,54,145	6,903	3,91,137
II.—Timber and other produce removed from the forests by consumers or purchasers	.	18,28,682	37,33,915	3,16,557	1,01,72,880	6,33,103	12,72,765
III.—Draft and warf wood and confiscated forest produce	...	3,696	1,023	65,981	1,85,605	207	21,304
IV.—Revenue from forests not managed by Government	...	..	31,597	2,303	1,33,557	...	35,607
V.—Miscellaneous . . . . .	...	95,716	1,33,625	379,213	2,48,729	(a)—12,237	2,06,263
TOTAL REVENUE	..	16,94,473	45,23,923	22,44,299	1,13,96,019	6,23,013	19,27,078
EXPENDITURE							
A.—CONSERVANCY, MAINTENANCE AND REGENERATION							
I.—Timber and other produce removed from the forests by Government Agency	..	1,67,600	2,78,176	6,42,933	53,163	2,662	2,45,909
II.—Timber and other produce removed from the forests by consumers or purchasers	..	1,86,075	7,59,008	1,421	1,53,069	23,377	1,36,118
III.—Draft and warf wood and confiscated forest produce.	..	..	367	14,220	25,535	44	605
IV.—Revenue from forests not managed by Government	..	..	13,451	..	1,571	..	..
V.—Rent of leased forests and payments to shareholders in forests managed by Government	..	..	6,339	1,20,563	..		17,710
VI.—Live-stock, stores, tools and plant . . .	..	..	10,904	4,285	1,73,728	3,635	25,039
VII.—Communications and buildings . . . . .	..	1,30,600	2,01,130	53,875	2,39,513	80,614	119,863
VIII.—Diamination, improvements and extension of forests			1,13,701	2,57,195	86,045	225,244	32,026
IX.—Miscellaneous . . . . .	..	10,002	10,635	(b)—11,461	116,041	30,162	10,786
Total A—Conservancy, Maintenance and Regeneration	..	6,16,047	9,60,081	6,93,531	8,97,103	1,53,050	6,03,194
B.—ESTABLISHMENTS							
Total B—Establishments (includes salaries-travelling and other allowances and contingencies)	50,062	5,20,005	10,55,030	10,62,231	52,55,742	4,93,573	8,54,556
C.—Total sum or loss by exchange on English transactions, interest on capital outlay, etc	.	59,737	712	1,46,807	2,94,000	19,624	86,707
D.—Total share of Capital charges transferred to S-A (i.e., Capital charges met from Revenue).	.	1,04,355	16,025	..	72,473	61,610	66,364
E.—Total Capital Outlay under S-A (i.e., not transferred to S-A)	.	..	..	9,03,596	98,93,603	..	312
GRAND TOTAL OF EXPENDITURE (Excluding expenditure under E)	50,062	16,61,011	26,44,161	21,01,102	68,52,310	7,53,237	16,41,595
SURPLUS (Excluding expenditure under E)	..	83,435	35,84,764	1,02,507	47,46,702	..	3,15,870
DEFICIT	59,061	..	..	..	..	1,35,244	..
Proportion of surplus to gross revenue . . . . .	..	2	10	..	..	..	16
Net revenue per square mile of forest area under control of Forest Department.	..	..	360	..	..	..	15

(a) Refunds after deduction of revenue under V.—Miscellaneous

(b) Work advances and pre-estimate expenditure under V.—Miscellaneous.

MENT XVIII.

Forest Department in India for the financial year 1931-32.

Central Provinces and Bihar.	Coorg.	North-West Frontier Province.	Ajmer	Baluchistan.	Andamans.	Forest College and Research Institute.	Madras.	Bombay.	Total.
9	10	11	12	13	14	15	16	17	18
									Rs.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
13,28,415	4,20,463	6,68,811	40,894	4,962	11,36,498	...	12,02,145	19,33,191	1,01,26,437
27,93,326	81,460	22,995	38,522	8,996	4,830	...	23,71,033	33,21,821	2,63,84,423
1,685	...	4,946	...	7	...	...	9,881	3,069	3,00,057
39,637	15,789	10,891	...	6,702	...	...	...	27,352	3,03,503
1,84,018	18,099	23,612	8,171	7,309	10,135	29,092	6,69,815	3,88,914	24,93,286
44,47,111	4,85,821	7,31,285	87,587	27,976	14,51,463	29,092	12,51,874	56,73,847	3,96,07,777
5,27,335	41,920	4,55,269	22,434	799	6,87,659	...	3,65,845	11,64,230	48,42,494
1,85,942	...	...	615	...	660	...	1,91,461	45,260	10,80,476
134	...	2,121	...	...	...	...	...	...	46,122
13	...	...	...	333	...	...	...	...	15,398
6,100	...	28,071	18,000	...	...	...	...	38,347	2,33,190
21,688	9,801	...	270	299	92,883	5,546	85,585	20,406	5,02,319
1,93,702	10,082	43,526	10,025	500	6,818	1,518	1,83,796	1,22,232	13,94,392
1,46,727	32,831	9,916	2,149	1,904	24,977	...	1,32,266	1,16,960	12,17,843
38,330	1,818	(b) - 6,173	320	400	4,654	1,45,721	19,569	44,190	4,11,160
11,20,001	95,962	5,30,753	51,713	3,695	10,17,651	1,53,818	9,71,522	15,60,625	97,43,414
20,90,674	1,24,803	1,81,157	32,971	30,991	1,71,828	5,75,350	27,19,921	23,23,582	1,81,95,456
2,08,409	..	23,676	..	..	..	46	...	1,21,639	9,91,007
33,820	7,750	13,812	..	..	42,688	4,900	2,03,414	57,986	8,41,987
35,341	...	...	64	...	...	...	3,100	...	(c) 97,61,039
31,53,161	2,28,515	7,53,698	67,681	34,686	12,31,667	7,33,174	39,69,887	40,66,762	8,00,74,924
9,93,947	2,57,306	..	..	..	2,19,796	...	2,64,957	16,07,005	1,04,80,681
...	...	22,613	97	16,710	...	7,04,693	...	...	9,27,803
23	53	...	...	...	13	...	6	23	24
51	47V	...	...	...	100	...	18	108	39

(a) Not included in Grand Total of expenditure.

STATE

Revenue of the Forest Department throughout India for the 33 financial years

(I) REVENUE

Province	Average of 1869-70 to 1873-74	Average of 1874-75 to 1878-79.	Average of 1879-80 to 1883-84.	Average of 1884-85 to 1888-89.	Average of 1889-90 to 1893-94.	Average of 1894-95 to 1898-99.	1899-1900	1900-01.	1901-02	1902-03.	1903-04.	1904-05.
	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial . . .	2,175	31,717	25,429	10,666	5,147	9,688	6,090	2,463	3,484	3,653	7,155	3,768
Bengal* . . .	1,64,368	2,69,772	6,06,578	6,31,384	7,66,401	10,49,361	11,38,010	12,33,839	12,92,237	12,56,217	10,65,523	11,67,472
United Provinces . . .	12,59,979	12,21,650	11,31,615	14,63,525	16,89,190	15,31,621	16,14,710	15,65,463	17,15,508	20,25,324	20,80,416	23,97,818
Punjab . . .	6,57,123	7,05,558	7,37,339	9,11,950	9,00,417	11,39,510	14,00,770	13,50,812	14,47,558	15,86,109	17,17,797	18,71,413
Burma . . .	6,91,206	14,29,175	19,68,356	23,01,318	49,76,654	66,15,512	78,12,050	80,51,411	58,73,938	67,39,053	82,65,533	80,59,756
Bihar and Orissa . . .	"	"	"	"	"	"	"	"	"	"	"	"
Assam† . . .	...	1,01,098	1,91,867	2,32,055	3,62,750	4,15,912	5,65,100	5,49,521	5,12,903	5,80,200	6,75,732	8,15,677
Central Provinces and Berar . . .	7,31,679	9,79,936	12,61,992	14,11,163	16,93,505	18,75,953	12,07,490	12,65,614	15,79,116	16,81,123	19,98,032	20,13,459
Coorg . . .	92,191	76,687	1,03,170	1,13,021	1,53,136	1,33,456	1,62,410	1,37,505	1,70,212	1,90,730	2,24,031	1,93,057
North-West Frontier Province . . .	...	...	...	...	...	...	...	...	13,012	1,01,123	1,01,833	90,691
Ajmer . . .	65	1,152	4,375	11,850	15,233	14,162	10,270	10,646	6,865	9,736	18,884	17,297
Baluchistan . . .	"	"	8,550	10,073	17,008	15,390	17,000	10,056	14,712	10,320	18,369	22,555
Andamans . . .	5,467	4,495	31,810	57,033	3,70,028	2,51,433	2,60,600	2,77,686	2,68,903	3,26,035	4,32,331	6,20,796
Forest College and Research Institute . . .	...	...	...	997	1,636	3,010	3,210	3,697	3,516	3,252	3,038	8,557
Forest Surveys (Imperial). . .	...	17	139	200	668	300	420	327	473	3,034	431	...
Madras . . .	6,03,213	5,68,389	8,00,020	13,00,461	17,14,325	31,10,955	23,02,290	23,40,170	25,43,430	26,13,819	26,57,727	28,29,216
Bombay . . .	11,77,073	12,28,561	18,93,816	30,11,911	33,54,890	30,40,213	24,15,200	29,61,529	23,79,729	23,29,156	27,51,639	30,20,558
GRAND TOTAL . . .	50,30,061	66,60,307	88,17,213	1,16,63,116	1,59,49,011	1,77,15,756	1,90,09,610	1,97,70,493	1,78,23,715	1,94,71,549	2,22,16,747	2,40,29,950

Province	1917-18	1918-19	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial . . .	51,720	27,488	24,527	27,123	27,803	26,553	29,551	30,100
Bengal . . .	13,76,069	19,44,104	20,51,237	21,64,763	18,98,020	23,11,226	22,61,515	24,75,529
United Provinces . . .	61,16,697	66,37,166	71,71,931	57,73,781	86,46,677	83,71,801	78,56,020	60,31,057
Punjab . . .	21,17,776	21,51,173	38,45,878	35,05,058	49,91,178	31,41,443	43,86,533	37,37,312
Burma . . .	1,23,61,400	1,25,23,852	1,64,35,262	1,89,75,060	2,21,16,767	1,80,43,052	1,94,92,399	1,96,77,821
Bihar and Orissa . . .	7,53,623	9,14,763	8,17,478	8,10,602	9,00,373	8,81,904	10,29,058	10,70,268
Assam . . .	18,09,930	14,92,718	14,81,500	15,31,011	12,07,027	17,13,553	19,71,232	21,78,756
Central Provinces and Berar . . .	34,66,493	31,63,422	45,16,723	49,94,526	41,33,603	47,06,070	51,04,929	52,32,632
Coorg . . .	4,55,673	6,77,973	9,48,028	4,27,351	7,33,731	9,42,633	7,00,947	6,68,030
North-West Frontier Province . . .	3,87,711	3,61,322	4,62,541	2,10,779	5,74,853	7,27,659	5,33,333	6,68,767
Ajmer . . .	27,793	37,280	34,013	48,112	40,812	48,978	55,122	66,062
Baluchistan . . .	17,934	25,103	17,937	22,541	17,229	14,939	22,403	20,503
Andamans . . .	7,93,656	11,84,383	8,00,795	6,24,374	5,50,098	5,55,027	6,11,882	7,25,597
Forest College and Research Institute . . .	8,394	8,083	8,308	12,618	24,117	1,81,763	1,07,339	1,02,579
Forest Surveys (Imperial) . . .	...	...	...	...	...	...	...	...
Madras . . .	5,68,489	47,94,460	62,34,149	53,81,246	45,60,171	58,72,956	54,15,857	55,09,652
Bombay . . .	43,12,022	1,04,94,031	84,04,438	54,68,95,585	74,93,563	70,87,391	71,40,604	73,07,961
GRAND TOTAL . . .	4,09,69,257	4,68,18,231	5,36,75,739	5,41,43,493	5,83,16,071	5,52,14,072	5,63,90,319	5,67,44,632

* Includes figures up to 1910-11 for districts subsequently transferred to Bihar and

† Includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred

(a) Includes Federated Shan States.

MENT XIX.

from 1899-1900 to 1931-32 and the average of 6 quinquennial periods from 1869-70 to 1898-99.
NUE.

1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
7,255	...	7,668	8,189	10,632	8,662	10,680	12,637	11,471	12,047	23,157	21,516	Imperial.
11,18,512	10,63,859	11,97,650	11,81,815	10,80,610	11,67,443	11,22,442	10,00,601	15,16,111	13,04,496	11,45,510	13,88,779	Bengal *
21,33,428	25,02,661	24,03,745	21,75,406	23,01,161	23,78,439	30,16,160	35,49,963	37,12,487	31,35,285	37,08,531	50,40,032	United Provinces.
17,61,653	16,03,284	11,57,419	12,65,792	10,32,693	12,17,983	19,10,077	12,39,033	13,54,043	14,38,005	17,97,258	16,87,601	Punjab.
1,03,29,569	98,12,510	86,63,859	91,02,032	93,55,077	1,00,70,117	99,07,591	1,09,22,393	1,11,25,430	97,07,694	96,99,217	1,23,79,531	Burma.
...	...	...	...	...	...	4,07,213	4,38,958	4,91,733	5,49,779	5,17,727	5,29,081	Bihar and Orissa.
11,06,096	13,20,592	14,30,147	14,10,368	15,54,732	18,90,635	11,46,220	11,42,091	10,97,969	8,92,877	10,55,952	11,45,621	Assam †
21,49,131	24,01,159	22,90,126	20,78,162	20,73,310	21,14,226	25,49,854	31,71,815	31,86,458	32,72,520	32,78,262	33,71,576	Central Provinces and Berar
2,45,419	2,35,900	2,74,756	2,24,830	2,13,129	2,76,056	2,95,170	2,81,652	3,29,227	1,99,237	1,49,155	4,67,314	Coorg.
1,28,529	1,63,211	2,08,190	1,22,782	1,73,305	2,05,942	1,58,171	2,37,163	2,60,741	2,88,018	1,86,815	2,40,983	North-West Frontier Province.
15,002	18,335	20,864	27,615	23,900	33,816	26,361	36,596	33,697	31,170	23,145	21,272	Ajmer.
21,481	21,195	24,829	23,305	16,729	23,212	20,117	20,150	19,088	10,058	21,633	18,377	Baluchistan.
5,82,511	6,07,027	2,19,822	2,02,018	2,59,477	4,16,773	5,22,160	4,49,925	1,45,811	3,89,246	4,34,784	6,19,711	Andamans.
3,050	4,679	6,137	4,630	4,909	4,680	5,550	7,611	5,806	8,617	6,995	8,199	Forest College and Research Institute.
...	...	...	...	...	...	...	...	...	...	...	...	Forest Surveys (Imperial).
20,07,604	32,99,669	38,93,830	38,90,919	41,78,381	38,80,411	41,68,921	41,12,473	42,00,820	39,41,537	41,06,838	45,96,126	Madras.
35,84,093	34,22,481	36,16,177	35,87,356	37,57,036	37,18,224	49,30,569	49,02,519	51,03,156	46,80,212	47,01,263	55,19,177	Bombay.
2,66,74,593	2,64,01,356	2,69,02,070	2,54,56,790	2,60,25,794	2,71,05,451	2,90,57,930	3,22,09,509	3,33,01,545	2,97,00,781	3,11,16,367	3,70,61,930	GRAND TOTAL.

1925-26	1926-27	1927-28	1928-29	1929-30	1930-31	1931-32.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
...	...	...	...	...	...	...	Imperial.
23,56,420	31,23,541	63,19,490	31,18,357	30,52,076	23,12,040	16,04,470	Bengal.
61,26,261	59,71,303	72,01,183	61,80,391	61,70,638	49,76,118	45,28,923	United Provinces.
41,12,076	39,07,731	31,91,217	35,93,025	31,57,771	23,84,698	22,14,209	Punjab.
(a) 2,23,16,516	(a) 2,35,91,020	2,24,07,066	1,81,00,143	2,03,00,104	1,56,68,850	(a) 1,13,96,019	Burma.
10,38,592	9,13,762	9,38,760	10,07,161	9,39,273	8,11,407	6,18,013	Bihar and Orissa.
30,30,140	31,31,473	36,13,460	37,67,873	33,20,003	22,63,077	19,27,078	Assam.
49,87,400	53,21,376	50,78,160	51,46,316	53,97,508	51,11,804	44,47,111	Central Provinces and Berar.
5,03,518	1,58,145	1,93,372	5,25,636	5,72,031	3,09,073	4,83,821	Coorg.
7,44,207	7,01,166	7,56,700	8,20,377	8,61,377	8,03,902	7,31,985	North-West Frontier Province.
72,759	60,034	76,615	67,924	63,603	25,273	57,587	Ajmer.
23,621	27,812	20,667	23,125	29,300	29,277	27,976	Baluchistan.
8,01,020	11,70,663	14,16,062	15,09,706	20,06,818	19,37,500	11,51,163	Andamans.
1,05,697	2,71,025	1,16,167	1,06,001	1,03,866	90,045	29,092	Forest College and Research Institute.
...	...	...	...	...	...	...	Forest Surveys (Imperial).
51,70,520	56,23,700	59,14,431	61,51,773	61,64,823	52,60,074	49,31,847	Madras.
75,26,033	70,86,420	72,04,004	73,40,033	70,74,946	59,28,758	58,71,847	Bombay.
5,98,70,825	6,10,64,731	6,19,08,136	5,76,09,113	4,8,10,22,061	4,72,64,859	3,98,07,717	GRAND TOTAL.

Orissa,
to Bengal.

(b) Excludes Rs. 52,131 deducted on account of Bolands.

STATE

Expenditure of the Forest Department throughout India for the 33 financial years

(II) EXPEN

Province.	Average of 1869-70 to 1873-74	Average of 1874-75 to 1876-79	Average of 1878-80 to 1883-84	Average of 1884-85 to 1888-89	Average of 1889-90 to 1893-94	Average of 1894-95 to 1898-99	1899-1900	1900-01	1901-02	1902-03	1903-04	1904-05
Imperial* . . .	Rs. 63,635	Rs. 67,102	Rs. 60,454	Rs. 57,125	Rs. 64,125	Rs. 62,516	Rs. 56,550	Rs. 53,578	Rs. 50,539	Rs. 50,017	Rs. 50,345	Rs. 53,038
Bengal . . .	1,11,094	2,12,024	3,33,147	3,94,347	1,04,117	5,38,652	5,45,210	5,70,806	6,57,131	6,35,011	7,03,503	6,88,589
United Provinces . . .	9,63,005	8,89,709	6,88,658	9,17,803	9,16,423	9,35,078	9,42,830	9,63,439	10,05,730	10,18,968	10,81,483	18,91,583
Punjab . . .	8,29,926	5,57,118	5,41,212	6,14,372	6,46,374	7,50,224	12,11,460	8,87,313	9,38,335	9,68,095	11,56,115	10,12,351
Burma . . .	1,02,517	8,12,279	10,12,512	13,22,424	16,73,883	21,20,642	24,47,440	26,54,717	26,46,457	25,30,263	33,52,401	31,46,924
Bihar and Orissa . . .	—	—	—	—	—	—	—	—	—	—	—	—
Assam† . . .	—	—	—	—	—	—	—	—	—	—	—	—
Central Provinces and Berar . . .	3,99,072	4,33,734	6,13,539	7,37,803	10,10,637	11,78,600	12,75,820	11,65,866	12,00,904	12,57,285	12,50,086	13,20,615
Coorg . . .	40,681	36,591	62,248	73,907	77,016	82,146	74,230	70,905	82,333	89,197	92,101	83,520
North-West Frontier Province . . .	—	—	—	—	—	—	—	—	10,510	54,056	60,603	71,938
Ajmer . . .	6,197	16,692	18,197	17,620	14,061	16,722	15,350	16,762	15,927	16,877	16,690	15,641
Baluchistan . . .	—	—	12,591	16,130	30,452	33,508	28,680	29,251	24,180	23,210	21,507	21,672
Andamans . . .	739	451	5,129	41,108	1,76,189	1,65,423	1,40,940	1,40,187	2,04,067	2,81,702	2,66,121	3,42,431
Forest College and Research Institute . . .	—	—	—	25,716	45,023	65,120	72,350	71,235	76,290	66,833	59,330	61,124
Forest Survey (Imperial). . .	11,911	68,258	40,447	21,477	21,491	31,936	33,960	33,991	33,790	38,985	33,035	29,220
Madras . . .	4,56,834	5,76,976	6,20,660	10,67,521	12,65,113	15,00,756	16,63,530	17,15,131	17,09,534	18,35,553	17,50,030	10,86,036
Bombay . . .	6,49,016	8,70,457	12,51,292	18,41,812	19,09,780	19,61,582	21,25,480	21,05,481	17,19,680	15,76,411	17,75,937	19,07,804
GRAND TOTAL . . .	39,33,430	45,76,504	56,09,579	71,26,056	86,03,952	97,96,110	1,19,21,680	1,11,60,010	1,07,16,385	1,12,49,331	1,21,66,993	1,20,67,656
Province.	1917-18.	1918-19	1919-20.	1920-21	1921-22.	1922-23	1923-24	1924-25.				
	Rs	Rs.	Rs.	Rs	Rs	Rs	Rs	Rs				
Imperial* . . .	1,90,332	1,10,638	1,32,777	1,63,933	2,57,011	1,83,494	1,44,499	1,65,595				
Bengal . . .	7,38,712	8,25,835	9,72,307	13,93,750	12,69,122	12,31,249	12,42,672	14,17,471				
United Provinces . . .	32,04,928	45,95,963	61,55,473	70,43,575	71,01,658	61,58,486	49,50,603	36,81,003				
Punjab . . .	11,58,018	17,95,891	24,16,120	35,75,710	43,76,076	19,06,871	20,16,035	26,11,455				
Burma . . .	54,87,179	56,91,052	65,38,200	73,07,014	90,83,091	99,72,149	1,03,02,159	94,25,313				
Bihar and Orissa . . .	3,90,716	4,30,819	5,06,800	5,89,118	9,91,665	7,17,331	7,50,637	7,90,397				
Assam . . .	6,86,627	6,90,961	8,21,717	9,66,601	9,91,511	11,14,634	11,59,813	13,30,853				
Central Provinces and Berar . . .	15,72,124	20,15,548	23,76,230	27,33,601	27,15,621	50,34,417	30,41,103	31,71,563				
Coorg . . .	1,99,911	1,23,572	5,07,547	4,60,755	6,80,045	5,58,007	5,65,593	3,58,751				
North-West Frontier Province . . .	1,53,573	2,07,337	3,01,453	4,54,197	7,49,384	6,12,333	1,53,567	5,98,713				
Ajmer . . .	28,501	28,598	47,252	37,417	41,320	39,840	49,451	49,125				
Baluchistan . . .	29,000	28,787	25,314	25,761	53,275	36,168	31,140	30,178				
Andamans . . .	3,97,724	6,12,826	8,71,491	16,27,930	12,67,027	8,05,184	8,96,211	11,53,690				
Forest College and Research Institute . . .	2,69,004	2,98,018	3,18,503	4,57,184	7,62,821	7,39,866	7,75,642	6,26,365				
Forest Survey (Imperial) . . .	56,597	59,110	59,938	90,119	1,07,113	1,10,235	95,911	.				
Madras . . .	30,20,319	31,82,320	36,93,345	45,30,150	51,15,356	47,59,163	46,33,526	50,72,459				
Bombay . . .	8,153,716	15,72,197	50,16,652	53,65,022	56,23,943	40,11,341	41,01,024	43,82,317				
GRAND TOTAL . . .	2,11,57,063	2,65,75,503	3,17,63,199	3,64,10,907	4,08,51,578	3,93,12,011	3,55,15,369	3,52,07,653				

* Includes pay of Inspector-General of Forests, Assistant Inspector-General of Forests.

† Includes figures up to 1910-11 for districts subsequently transferred to Bihar and

‡ Includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred

(a) Includes Federated Shan States.

(b) Includes Rs. 1,25,587 on account of Chengta Timber Operations.

MENT XIX—contd.

from 1899-1900 to 1931-32 and the average of 6 quinquennial periods from 1869-70 to 1898-99.

DITURE.

1905-06.	1906-07	1907-08.	1908-09.	1909-10	1910-11.	1911-12.	1912-13	1913-14	1914-15	1915-16	1916-17.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
83,767	95,472	1,00,201	1,01,183	1,01,332	92,606	91,711	1,01,162	99,296	99,478	1,00,502	1,03,248	Imperial *
5,93,500	6,33,836	7,18,391	5,83,931	5,91,099	6,43,235	7,05,371	6,60,791	6,40,157	6,70,935	5,93,635	6,19,619	Bengal †
14,05,182	13,06,651	11,91,013	12,92,490	12,00,395	12,37,938	13,63,673	12,29,264	18,03,014	23,17,710	25,66,307	27,35,915	United Provinces.
12,65,664	11,41,403	11,76,690	8,51,627	6,67,753	7,40,512	7,60,110	7,99,176	9,19,177	8,89,302	9,23,678	9,31,602	Punjab
39,38,063	36,59,753	35,51,532	37,17,217	36,83,618	38,42,790	41,31,162	11,39,384	42,71,901	16,80,417	45,86,241	19,30,586	Burma.
...	...	...	...	...	...	3,00,916	3,75,894	3,55,618	3,84,371	3,61,550	4,47,972	Bihar and Orissa.
5,93,910	7,07,860	8,00,973	8,01,319	10,12,531	10,67,319	8,41,013	8,08,911	9,10,210	8,98,339	7,55,214	6,76,033	Assam ‡
13,07,153	13,12,698	15,83,407	17,53,307	15,86,652	15,60,533	18,39,370	19,46,735	19,53,129	19,36,560	17,34,336	17,68,775	Central Provinces and Berar
95,748	1,03,855	1,04,819	99,505	1,07,822	1,07,679	1,91,171	1,61,544	1,78,514	1,75,813	1,76,633	1,60,192	Coorg
95,236	92,650	88,400	81,113	77,391	73,492	89,496	1,23,173	1,31,023	1,25,530	1,01,793	1,16,070	North-West Frontier Province
17,181	16,715	18,168	19,916	19,373	19,918	22,319	20,711	23,505	21,733	25,152	26,634	Ajmer
25,713	26,322	31,258	36,556	20,510	20,387	23,917	23,527	23,310	26,000	27,997	26,929	Baluchistan.
3,35,935	2,95,196	2,20,267	1,80,941	1,91,153	2,23,963	2,61,732	2,55,111	2,74,676	2,59,056	1,30,832	1,28,652	Andamans.
80,069	1,37,186	1,58,038	1,83,191	1,96,171	2,19,163	2,63,111	2,68,415	2,95,338	3,31,091	2,76,518	3,05,496	Forest College and Research Institute.
-30,014	30,389	27,060	30,128	31,062	31,140	38,705	35,809	37,743	42,353	45,668	47,407	Forest Survey (Imperial).
22,26,602	21,80,660	27,40,857	29,17,261	33,39,633	32,25,601	31,14,682	31,50,482	29,35,817	28,60,655	23,27,318	23,43,678	Madras.
21,26,933	19,90,183	19,35,427	20,43,573	20,63,098	20,70,417	26,61,438	26,94,155	25,80,577	21,87,925	26,12,018	23,64,631	Bombay.
1,42,29,521	1,40,62,819	1,45,12,933	1,47,26,031	1,49,20,631	1,52,11,023	1,69,46,560	1,72,07,810	1,75,43,153	1,62,06,150	1,85,92,207	1,87,11,551	GRAND TOTAL.

1925-26.	1926-27	1927-28.	1928-29.	1929-30.	1930-31.	1931-32.	Province
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1,16,903	1,23,558	61,691	59,361	61,495	1,93,252	59,092	Imperial *
12,00,968	17,34,781	17,02,453	16,82,191	16,65,180	15,95,129	16,61,944	Bengal.
38,05,310	33,70,470	39,03,303	32,43,716	33,88,710	32,78,023	26,44,164	United Provinces.
27,01,510	27,03,826	29,51,871	24,93,319	29,69,197	29,01,461	21,04,402	Punjab.
(a)	(a)	89,40,691	85,37,853	(a)	(a)	68,52,316	Burma.
5,63,624	10,83,009	6,63,371	6,59,373	9,02,062	7,31,625	7,63,237	Bihar and Orissa.
15,67,083	11,47,506	13,45,767	21,22,366	22,20,302	21,16,599	16,11,298	Assam.
33,45,729	36,48,601	31,90,403	36,49,230	39,75,653	39,60,817	34,63,161	Central Provinces and Berar.
3,05,395	2,84,770	2,50,186	2,65,133	3,11,451	2,97,350	2,85,515	Coorg.
5,47,321	6,40,719	6,91,414	5,31,935	6,40,916	8,10,705	7,59,695	North-West Frontier Province.
55,161	70,728	62,654	76,355	61,200	89,821	87,684	Ajmer.
31,355	32,102	31,010	36,578	37,651	41,725	34,690	Baluchistan.
11,35,063	12,20,697	11,50,694	13,28,927	16,47,454	17,27,018	12,31,667	Andamans.
5,14,033	5,96,566	9,35,204	9,41,737	9,31,891	9,60,167	7,93,171	Forest College and Research Institute.
...	...	...	...	...	...	...	Forest Survey (Imperial).
48,23,239	50,30,614	47,60,591	45,50,508	45,18,027	43,79,321	29,59,687	Madras.
42,07,626	43,59,516	43,11,781	44,02,153	46,73,278	47,51,590	40,00,782	Bombay.
3,80,63,202	3,56,63,316	3,66,63,634	3,50,61,969	3,63,95,513	3,12,03,803	3,00,71,921	GRAND TOTAL.

Office Establishment, and undistributable and petty local items and revenues and charges, on Indore and Bangalore. Excludes Home charges, Orissa, to Bengal.

STATE

Surplus of the Forest Department throughout India for the 33 financial years

(III) SUR

Province	Average of 1869-70 to 1873-74	Average of 1874-75 to 1878-79.	Average of 1879-80 to 1883-84	Average of 1884-85 to 1888-89.	Average of 1889-90 to 1893-94.	Average of 1894-95 to 1898-99.	1893- 1900	1900-01.	1901-02	1902-03.	1903-04	1904-05
	Rs	Rs	Rs	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial* . . .	-61,510	-35,385	-55,025	-76,269	-78,978	-73,128	-90,460	-61,115	-76,055	-81,838	-81,800	-79,290
Bengal† . . .	58,284	77,743	2,51,431	2,37,037	3,62,284	5,10,713	5,93,700	6,62,533	6,35,106	6,16,233	3,62,015	4,78,583
United Provinces .	2,05,971	3,81,911	2,95,957	5,45,627	7,42,767	5,96,716	6,72,360	6,02,024	7,06,769	10,11,326	11,99,008	10,05,735
Punjab . . .	1,41,903	1,48,410	1,96,096	2,67,578	2,54,018	3,89,956	1,89,310	4,63,493	5,00,223	6,26,313	5,61,082	8,62,059
Burma . . .	4,91,151	6,16,696	9,75,844	11,78,894	33,06,271	44,91,900	53,61,610	53,90,727	32,27,461	38,18,790	19,16,131	55,12,532
Bihar and Orissa .												
Assam† . . .		12,605	29,427	20,460	1,14,591	1,23,012	3,10,960	2,01,540	1,83,851	2,52,701	2,50,218	3,12,021
Central Provinces and Berar	3,42,807	5,46,202	6,63,153	6,73,353	6,78,848	1,97,293	21,670	99,718	3,78,212	4,37,140	7,17,066	6,92,811
Coorg . . .	52,807	42,296	40,923	39,117	76,120	51,310	88,190	66,691	87,900	1,01,293	1,31,819	1,09,207
North-West Frontier Province		...	...	...	...	...	...	...	...	6,498	47,038	41,290
Ajmer . . .	-6,132	-17,510	-8,722	-5,761	1,172	-2,560	-5,050	-6,136	-9,062	-6,641	2,796	1,656
Baluchistan . . .			-4,039	5,157	-21,454	-18,176	-11,620	-12,298	-8,768	-3,904	3,334	-2,117
Andamans . . .	4,728	4,004	29,711	16,525	1,02,889	69,010	1,19,660	1,37,749	62,236	44,833	1,61,260	2,76,865
Forest College and Research Institute		..	..	-28,349	-40,387	-62,080	-70,840	-67,511	-72,715	-63,086	-56,901	-57,867
Forest Surveys (Imperial).	-11,911	-63,271	-40,308	-24,271	-23,623	-31,636	-33,560	-33,064	-33,257	-30,831	-33,504	-26,920
Madras . . .	1,46,409	11,413	1,83,960	2,32,960	4,29,215	6,01,232	6,46,760	6,21,730	5,83,876	7,78,267	9,06,797	8,43,118
Bombay . . .	5,29,627	3,55,074	6,12,526	11,69,502	14,45,101	10,64,062	2,86,770	5,52,048	6,60,040	6,52,715	9,75,602	11,16,954
GRAND TOTAL	16,06,631	20,83,593	92,07,631	42,41,192	73,45,662	73,19,610	70,84,930	86,10,453	70,77,327	82,22,209	1,00,18,751	1,10,61,064
<hr/>												
Province	1917-18	1918-19	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25				
	Rs	Rs.	Rs	Rs	Rs	Rs	Rs	Rs				
Imperial* . . .	-38,612	-83,150	-1,03,250	-1,41,871	-2,29,308	-4,06,911	-1,14,838	-1,38,103				
Bengal . . .	6,33,237	11,16,260	10,78,930	8,16,013	6,10,537	10,79,977	10,18,843	10,58,008				
United Provinces . . .	29,11,769	20,33,203	13,16,470	17,36,203	12,41,960	22,14,317	30,05,834	32,37,952				
Punjab . . .	9,59,728	3,53,374	14,29,758	2,29,300	6,15,102	-11,62,423	14,70,498	11,12,821				
Burma . . .	68,71,320	68,36,870	98,97,063	1,16,68,046	1,30,33,693	89,71,803	91,90,210	1,00,49,511				
Bihar and Orissa . . .	3,62,909	5,13,014	3,10,658	2,21,481	-94,293	1,61,373	2,76,428	2,79,571				
Assam . . .	6,33,320	8,01,757	6,59,873	5,63,313	3,05,516	5,99,213	6,14,447	11,47,903				
Central Provinces and Berar .	13,94,369	11,72,574	21,70,493	16,60,925	14,17,872	16,72,563	20,63,821	20,69,769				
Coorg . . .	2,56,732	2,52,001	4,40,181	-39,107	1,03,056	3,56,016	1,35,310	3,09,379				
North-West Frontier Province	1,83,816	1,73,065	1,61,038	-2,31,118	-1,71,531	1,15,276	74,765	81,054				
Ajmer . . .	1,239	6,772	-12,363	10,635	-508	4,133	5,968	16,937				
Baluchistan . . .	-12,055	-8,679	-7,377	-6,217	-30,016	-21,529	-8,037	-9,695				
Andamans . . .	3,33,932	5,71,357	-1,70,698	-7,03,556	-7,86,920	-2,17,157	-9,64,632	-1,28,003				
Forest College and Research Institute	-2,61,390	-2,88,965	-3,10,195	-4,44,636	-7,05,707	-5,51,823	-6,05,593	-7,23,786				
Forest Survey (Imperial)	-56,597	-59,110	-59,953	-90,115	-1,07,113	-1,19,935	-95,044					
Madras . . .	21,38,140	16,02,910	25,10,501	8,50,760	-2,16,153	4,89,493	7,81,731	6,97,223				
Bombay . . .	20,35,805	26,21,534	25,73,750	15,03,563	24,69,617	30,23,040	27,48,550	29,25,617				
STAND TOTAL	1,93,12,194	1,70,49,736	2,19,12,510	1,77,23,558	1,71,64,193	1,59,02,091	2,01,74,930	2,14,76,799				

*Includes pay of Inspector-General of Forests, Assistant Inspector-General of Forests.

†Includes figures up to 1910-11 for districts subsequently transferred to Bihar and

‡Includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred.

(a) Includes Federated Shan States.

(b) Includes Rs. 1,25,557 on account of Chengtu Timber Operations.

MENT XIX—concl'd.

from 1899-1900 to 1931-32 and the average of 6 quinquennial periods from 1869-70 to 1898-99.

PLUS.

1905-06.	1906-07	1907-08	1908-09	1909-10	1910-11	1911-12	1912-13	1913-14	1914-15	1915-16	1916-17.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
-76,512	-25,472	-92,533	-95,904	-93,700	-83,914	-84,034	-91,325	-87,825	-87,431	-86,015	-78,702	Imperial *
5,25,003	4,32,473	4,61,256	6,00,361	4,89,541	5,21,159	4,16,068	19,39,807	9,75,934	6,33,561	5,51,975	7,19,130	Bengal †
10,28,216	11,96,013	12,15,732	9,52,970	10,91,586	11,40,501	16,52,487	19,14,699	18,16,473	8,17,495	11,72,524	23,05,017	United Provinces.
5,17,969	4,60,681	2,80,733	4,37,165	3,61,881	4,77,446	5,41,931	4,39,857	1,35,766	5,48,703	8,03,405	7,53,190	Punjab
63,01,606	61,52,766	51,12,457	54,74,785	50,71,450	62,27,316	58,36,432	67,83,809	71,50,529	50,27,217	18,12,976	71,42,913	Burma
...	...	...	...	...	1,06,297	63,061	1,36,037	1,65,108	1,56,177	81,109	Bihar and Orissa.	
5,12,186	6,12,702	6,30,074	5,55,010	5,22,191	8,03,295	3,05,307	3,33,180	1,87,729	-65,462	2,99,688	4,72,588	Assam ‡
11,41,978	10,38,281	7,06,721	3,21,655	4,91,488	5,21,693	7,11,173	12,25,080	13,33,321	13,35,960	15,13,926	16,02,603	Central Provinces and Berar.
1,49,671	1,33,054	1,69,937	1,24,735	1,05,307	1,65,376	1,73,996	1,20,108	1,50,713	23,401	2,72,592	3,20,822	Coorg
33,271	89,561	1,50,000	41,869	95,914	1,92,850	68,735	1,15,010	1,35,718	1,12,420	62,020	1,22,915	North-West Frontier Province
-2,129	1,620	11,676	7,689	4,716	13,928	4,018	6,682	10,302	9,437	-1,707	-5,362	Ajmer.
-4,262	-5,127	-6,429	-13,281	-7,820	-3,175	-8,830	-8,369	-5,323	-6,012	-6,362	-8,659	Baluchistan
2,46,526	3,11,891	62,555	21,077	65,918	1,89,610	2,60,425	1,01,754	1,71,135	81,102	3,932	2,21,059	Andamans
-77,559	-1,32,997	-1,51,901	-1,78,511	-1,91,205	-2,15,103	-2,57,591	-2,60,634	-2,92,502	-3,22,474	-2,71,523	-2,97,690	Forest College and Research Institute.
-30,011	-30,389	-27,050	-39,128	-41,062	-41,140	-38,793	-35,809	-37,743	-42,359	-48,663	-47,407	Forest Survey (Imperial).
7,01,002	8,10,000	11,12,973	9,73,655	8,38,716	6,54,810	7,54,039	9,61,991	12,64,503	10,80,852	11,79,520	17,53,448	Madras
13,58,900	14,32,293	16,90,750	15,43,483	16,91,566	16,47,807	16,66,133	20,00,061	25,13,279	21,92,317	20,59,225	29,54,496	Bombay.
1,21,16,072	1,21,27,687	1,13,50,016	1,07,90,765	1,11,05,130	1,31,61,431	1,21,10,793	1,50,01,999	1,57,59,090	1,15,08,331	1,25,33,760	1,83,18,047	GRAND TOTAL.

1925-26.	1926-27.	1927-28.	1928-29.	1929-30.	1930-31.	1931-32.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
-1,18,903	-1,23,859	-61,061	-50,361	-61,498	-1,03,253	-59,052	Imperial.*
13,95,452	13,59,050	16,47,925	14,36,186	13,86,898	7,16,920	33,435	Bengal.
27,30,935	21,07,604	32,07,880	29,86,673	27,00,928	10,07,495	18,61,550	United Provinces.
11,10,566	12,01,345	2,36,313	10,34,706	1,68,574	-4,16,566	1,89,807	Punjab.
(a)	(a)	(a)	(c)	(n)	(n)	(a)	Burma
1,36,18,575	1,16,53,170	1,35,69,810	96,75,372	1,25,57,609	81,07,612	47,49,709	
3,62,968	-1,39,317	2,73,396	2,16,788	36,613	76,712	-1,35,244	Bihar and Orissa.
14,71,157	16,85,967	21,67,693	16,45,507	12,02,700	1,46,496	3,15,570	Assam
16,41,680	16,72,695	15,78,692	17,97,037	20,21,855	11,51,077	9,93,947	Central Provinces and Berar.
2,23,123	1,73,875	2,13,186	2,60,503	2,60,577	11,723	2,57,806	Coorg.
1,96,886	1,60,417	65,286	-5,558	21,159	-9,806	-22,613	North-West Frontier Province.
17,598	-12,704	-6,039	11,569	12,603	11,452	-97	Ajmer.
-7,787	-4,450	-4,152	-13,453	-8,651	-12,448	-6,710	Baluchistan.
-2,14,034	-40,234	-32,622	1,71,770	3,59,359	2,10,578	2,10,796	Andamans
-7,08,336	-6,22,511	-8,10,107	-8,35,786	-8,27,068	-8,76,802	-7,01,002	Forest College and Research Institute.
...	...	...	...	...	...	...	Forest Survey (Imperial).
3,47,281	5,56,656	5,74,687	15,95,270	16,46,108	5,89,766	2,04,067	Madras.
83,20,412	32,06,001	29,82,313	28,50,590	32,09,686	8,72,167	16,07,065	Bombay.
2,59,07,623	2,63,69,415	2,56,24,452	2,27,47,871	2,40,66,848	1,20,81,050	95,02,853	GRAND TOTAL.

Office Establishments, and undistributable and petty local items and revenues and charges on Indore and Bangalore. Excludes Home charges.
Orissa.

STATEMENT No. XX.

Forest Area by ownership (in square miles).

Province. 1	Type of Forests. 2	THE STATE.			Corporate Bodies. 6	Private indivi- duals 7	Total 8	REMARKS 9
		Dedicated to timber production. 3	Other forest. 4	Total 5				
Bengal . . .	Merchantable . . .	7,075	81	7,100		1,653	8,763	
	Unprofitable or inaccessible . . .	21	3,445	3,466	...		3,466	
United Provinces . .	Merchantable . . .	3,401	700	4,101	21	1,200	5,412 (a)	
	Unprofitable or inaccessible . . .	..	10,084	10,084		1,876	11,960	
Punjab . . .	Merchantable . . .	850	231	1,081	132		1,223	
	Unprofitable or inaccessible . . .	1,158	3,029	4,187	666	..	4,853	
Burma . . .	Merchantable (all species) . . .	10,392	34,113	44,505		...	44,505	
	Merchantable (Teak only) . . .	11,821	16,055	27,400	..	..	27,409	
"	Unprofitable or inaccessible . . .	6,736	42,005	49,041	..	..	49,641	
Federated Shan States . .	Merchantable (all species) . . .	431	2,310	2,733	..	..	2,753	
"	Merchantable (Teak only) . . .	1,977	3,465	5,442	..	..	5,442	
"	Unprofitable or inaccessible . . .	716	15,740	16,456		..	16,456	
Bihar and Orissa . . .	Merchantable . . .	902	2,113	3,015	..	19,675	22,690 (b)	
	Unprofitable or inaccessible . . .	..	679	679	..	13,611	14,290	
Assam . . .	Merchantable . . .	3,952	..	3,952	52	317	3,631	
	Unprofitable or inaccessible . . .	2,800	15,616	18,515	..	..	18,515	
Central Provinces . .	Merchantable . . .	12,221	(c) 8,179	20,400		25,479	45,879	
	Unprofitable or inaccessible . . .	..	(c) 2,693	2,693	..	21,859	24,557	
Coorg . . .	Merchantable . . .	372	191	563	..	189	762	
	Unprofitable or inaccessible . . .	123	130	253	..	116	408	
North-West Frontier Province . .	Merchantable . . .	161	3	164	..	..	164	
	Unprofitable or inaccessible . . .	18	67	85	..	595	680	
Ajmer . . .	Merchantable . . .	..	112	112	..		112	
	Unprofitable or inaccessible . . .	..	..	..	..	..	..
Panjabistan . . .	Merchantable . . .	..	..	..	..		..
	Unprofitable or inaccessible . . .	..	788	788	..		788	
Andamanas . . .	Merchantable . . .	2,190	..	2,190	..	..	2,190	
	Unprofitable or inaccessible . . .	..	..	..	..	..	..
Madras . . .	Merchantable . . .	3,361	8,057	11,418	..	7	11,425	
	Unprofitable or inaccessible . . .	..	8,000	8,000	..	1,825	9,824	
Portuguese . . .	Merchantable . . .	7,116	2,115	9,561	..	222	9,783	Figures are only approximate
	Unprofitable or inaccessible . . .	..	5,307	5,307	..	..	5,307	
Tripura . . .	Merchantable . . .	65,191	77,711	143,233	205	18,733	162,193	
	Unprofitable or inaccessible . . .	11,641	105,026	120,267	666	29,412	160,375	
	GRAND TOTAL			77,833	156,370	233,502	16,711	83,195
	Percentage of total Forest Area			21.9	52.9	41.8	40.2	23.0
								100.0

(a) Area of forests under North-West Frontier Province (2,300 square miles) has been omitted.

(b) 6,229 square miles represent forest area of Orissa State.

(c) Includes 2,452 and 1,172 square miles of Ryotwari Forests respectively.

**DIAGRAM SHOWING
ANNUAL FOREST REVENUE, EXPENDITURE & SURPLUS.
For the 10 years 1922-23 to 1931-32.**

